



Wounded, Ill, and Injured 141B Project

Health Hazard Assessment

Leaders in Deployment Health Risk Assessment

Exposure to occupational and environmental stressors can have adverse health effects for deployed service members. The WII 141B Project analyzes occupational and environmental health surveillance data from multiple sources to conduct technically sound and scientifically defensible health risk assessments associated with environmental stressors faced by deployed warriors. With a focus of providing commanders with timely health risk information, the WII 141B project also supports refinement of field portable analytical protocols so that many environmental samples can be analyzed in theater by the Forward Deployable Preventive Medicine Unit (FDPMU). These protocols allow deployed teams to assist commanders in minimizing environmental exposures through generation of actionable data which supports timely implementation of controls. WII 141B personnel also provide consultative support to deployed preventive medicine assets on health hazard assessment.

Expeditionary Platforms Department

The WII 141B Project provided reach back support to deployed personnel on occupational and environmental health site assessments, sampling and analysis plan development, surveillance strategies, and data quality objectives necessary to support health risk assessments. The team created and validated calibration curves for newly deployed field-portable analytical equipment. It also administered proficiency analytical testing for this equipment to increase confidence in data generated by the FDPMU's field confirmatory and theater validation laboratory capabilities.

Periodic Occupational & Environmental Monitoring Summary (POEMS)

The WII 141B Project evaluated environmental data collected from site assessments, environmental samples, and health care encounters to provide health risk assessments for discrete deployment sites. The NMCPHC POEMS team compiled data from multiple sources into the Navy's first ever POEMS for Camp Lemonnier, Djibouti and also completed POEMS for Camp Fallujah and Al Asad Air Base in Iraq. The team established this repeatable methodology to create POEMS for other operating locations throughout the Southwest Asia theater of operations.

Where to go for help

To learn more about the WII 141B Project, visit:

www.med.navy.mil/sites/nmcphec/wounded-ill-and-injured